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TITLE: SOLID-STATE ELECTROLYTIC CAPACITOR  
PUBN-DATE: May 9, 1991

INVENTOR-INFORMATION:

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APPL-NO: JP01248362

APPL-DATE: September 25, 1989

INT-CL (IPC): H01G009/05, H01G009/02

US-CL-CURRENT: 361/525

ABSTRACT:

PURPOSE: To improve high temperature durability by providing a metal layer on a capacitor element having a conductive polymer layer formed by oxidation polymerization of aromatic compound on the surface of a dielectric material made of an oxide film of a film forming metal and a conductor layer formed on the polymer layer.

CONSTITUTION: A metal layer 3 is formed on a capacitor element having a conductive polymer layer formed by oxidation polymerization of aromatic compound on the surface of a dielectric material made of an oxide film of film forming metal 1 and a conductor layer 2 formed thereon. Accordingly, transmission of oxygen in the air through a sheathing material is suppressed, and a reduction in conductivity due to oxidation of conductive polymer is eliminated. Thus, high temperature durability is improved.

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Abstract Text - FPAR (1):

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Abstract Text - FPAR (2):

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